		90-DAY RESPONSE (this is a	re-submission)					
DCI Number: GDCI-128997-159	8							
Data Call-In Information								
Company Name		SHARDA CROPCHEM LIMITED						
Company Address		P.O. Box 640 HOCKESSIN, DE 19707						
DCI Type		Generic						
Issued Date		09/14/2017						
90 Day Response Dead ne		12/23/2017						
CRM Informat on		Kettl, Brian						
Chem ca Name		Tebuconazole						
Chem ca Number		128997						
90-Day Response Information								
Resubm ss on		Yes						
Track ng Number		CDX_DCI_2017_001670						
DCI Level Documents								
File Name	File Typ	De Company	MRID	CBI	Submitted Date			
Sharda Cropchem Agent Letter 13Feb2014.pdf	Submis	ssion Cover Letter	NA.	N	12/22/2017			
EPA Product Registration Number	ber(s)							
82633 1		I agree to satisfy Generic Data requirements as Registrant's Response."	indicated on the attach	ed form entitled "Require	ements Status and			
Guideline Requirement Number	r(s)							
Guideline Requirement Number	r - 835.1	110						
StudyTte		Activated sludge sorption isotherm						
Protoco		N						
Target Subm ss on Date		09/14/2018						
Use Pattern		A; BB; C; Q; X						
Test Substance		TGAI						
T me Frame		12 month(s)						
Footnote(s)		15. This study is required only in support of antimicrobial uses. 34. EPA has a published final guideline for this study: https://www.regulations.gov/document?D=EPA-HQ-OPPT-2009-0152-0003.						
Reg strant Response		Offer to Cost Share						
Uploaded Documents								
File Name	File Typ	De Company	MRID	CBI	Submitted Date			
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an ment with other Registrants for Development of	NA.	Υ	12/22/2017			
Cover letter.pdf	Genera	al Correspondences	NA.	N	12/22/2017			
Guideline Requirement Number	r - 835.3′	110						
StudyTte		Ready biodegradability						
Protoco		N						
Target Subm ss on Date		09/14/2018			09/14/2018			

Use Pattern		A; BB; C; Q; X					
Test Substance		TGAI					
T me Frame		12 month(s)					
Footnote(s)		15. This study is required only in support of antimicrobial uses. 33. EPA has a published final guideline for this study: https://www.regulations.gov/document?D=EPA-HQ-OPPT-2009-0152-0017. The biodegradation study required is based on results of an Activated Sludge Respiration Inhibition test.					
Reg strant Response		Offer to Cost Share					
Uploaded Documents							
File Name	File Typ	pe e	MRID	CBI	Submitted Date		
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Y	12/22/2017		
Cover letter.pdf	Genera	Correspondences NA N 12/22/2017					
Guideline Requirement Numbe	r - 835.32	220					
Study Tte		Porous pot test					
Protoco		N					
Target Subm ss on Date		09/14/2018					
Use Pattern		A; BB; C; Q; X	A; BB; C; Q; X				
Test Substance		TGAI					
T me Frame		12 month(s)					
Footnote(s)		15. This study is required only in support of anti 32. EPA has a published final guideline for this	imicrobial uses. studv: https://www.regul	lations.gov/document?D	=FPA-HQ-OPPT-2009-		
		0152-0024. The biodegradation study required					
Reg strant Response							
Reg strant Response  Uploaded Documents		0152-0024. The biodegradation study required					
	File Ty	0152-0024. The biodegradation study required Offer to Cost Share					
	Form 8	0152-0024. The biodegradation study required Offer to Cost Share	is based on results of ar	n Activated Sludge Resp	iration Inhibition test.		
Uploaded Documents  File Name  Attempt to Cost Share 8570- 32.pdf	Form 8 Agreer Data	Offer to Cost Share  December 20152-0024. The biodegradation study required to the cost Share to Cos	is based on results of an	n Activated Sludge Resp	Submitted Date		
Uploaded Documents  File Name  Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf	Form 8 Agreer Data Genera	Offer to Cost Share  Offer to Cost Share  De Strong Share Strong Share Strong Share	is based on results of an	CBI	Submitted Date  12/22/2017		
Uploaded Documents  File Name  Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf  Guideline Requirement Numbe	Form 8 Agreer Data Genera	Offer to Cost Share  Offer to Cost Share  De Strong Share Strong Share Strong Share	MRID NA	CBI	Submitted Date  12/22/2017		
Uploaded Documents  File Name  Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf  Guideline Requirement Numbe	Form 8 Agreer Data Genera	Offer to Cost Share  Offer to Cost Share  December 2570-32 Certification of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into an Innent with other Registrants for Development of Interpolation of Attempt to Enter into Attempt to Enter int	MRID NA	CBI	Submitted Date  12/22/2017		
Uploaded Documents File Name  Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf  Guideline Requirement Number  Study T t e  Protoco	Form 8 Agreer Data Genera	Offer to Cost Share  De Strong	MRID NA	CBI	Submitted Date  12/22/2017		
Uploaded Documents File Name  Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf  Guideline Requirement Number  Study Tte	Form 8 Agreer Data Genera	Offer to Cost Share  De Strong	MRID NA	CBI	Submitted Date  12/22/2017		
Uploaded Documents  File Name  Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf  Guideline Requirement Number  Study T t e  Protoco  Target Subm ss on Date	Form 8 Agreer Data Genera	Offer to Cost Share  De Strong	MRID NA	CBI	Submitted Date  12/22/2017		
Uploaded Documents  File Name  Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf  Guideline Requirement Numbe  Study T t e  Protoco  Target Subm ss on Date  Use Pattern	Form 8 Agreer Data Genera	Offer to Cost Share  Description of Attempt to Enter into an an annual correspondences  240  Simulation Test-Aerobic Sewage Treatment-Action N  09/14/2018  A; BB; C; Q; X	MRID NA	CBI	Submitted Date  12/22/2017		
Uploaded Documents File Name  Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf  Guideline Requirement Number Study T t e Protoco  Target Subm ss on Date  Use Pattern  Test Substance	Form 8 Agreer Data Genera	Offer to Cost Share  De  570-32 Certification of Attempt to Enter into an ment with other Registrants for Development of all Correspondences  240  Simulation Test-Aerobic Sewage Treatment-Act N  09/14/2018  A; BB; C; Q; X  TGAI	MRID  NA  NA  Stivated Sludge  imicrobial uses. study: https://www.regul	CBI Y N	Submitted Date  12/22/2017  12/22/2017  =EPA-HQ-OPPT-2009-		
Uploaded Documents File Name  Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Numbe  Study T t e  Protoco  Target Subm ss on Date  Use Pattern  Test Substance  T me Frame  Footnote(s)	Form 8 Agreer Data Genera	Offer to Cost Share  Decepter Strong	MRID  NA  NA  Stivated Sludge  imicrobial uses. study: https://www.regul	CBI Y N	Submitted Date  12/22/2017  12/22/2017  =EPA-HQ-OPPT-2009-		
Uploaded Documents File Name  Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number Study T te Protoco Target Subm ss on Date Use Pattern Test Substance T me Frame  Footnote(s)  Reg strant Response	Form 8 Agreer Data Genera	Offer to Cost Share  Decimal Street S	MRID  NA  NA  Stivated Sludge  imicrobial uses. study: https://www.regul	CBI Y N	Submitted Date  12/22/2017  12/22/2017  =EPA-HQ-OPPT-2009-		
Uploaded Documents File Name  Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  Study T t e  Protoco  Target Subm ss on Date  Use Pattern  Test Substance  T me Frame	Form 8 Agreer Data Genera	Offer to Cost Share  Decision of Attempt to Enter into an an annual with other Registrants for Development of all Correspondences  240  Simulation Test-Aerobic Sewage Treatment-Act N  09/14/2018  A; BB; C; Q; X  TGAI  12 month(s)  15. This study is required only in support of ant 31. EPA has a published final guideline for this support of Cost Share	MRID  NA  NA  Stivated Sludge  imicrobial uses. study: https://www.regul	CBI Y N	Submitted Date  12/22/2017  12/22/2017  =EPA-HQ-OPPT-2009-		

Cover letter.pdf	Genera	l Correspondences	NA	N	12/22/2017		
Guideline Requirement Number	ideline Requirement Number - 835.3280						
Study Tte		Simulation Tests to Assess the Biodegradabilit	y of Chemicals				
Protoco		N	N N				
Target Subm ss on Date		09/14/2018					
Use Pattern		A; BB; C; Q; X					
Test Substance		TGAI					
T me Frame		12 month(s)					
ootnote(s)		15. This study is required only in support of ant 30. EPA has a published final guideline for this 0152-0036. The biodegradation study required	study: https://www.regul				
Reg strant Response		Offer to Cost Share					
Uploaded Documents							
File Name	File Typ	De .	MRID	СВІ	Submitted Date		
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Υ	12/22/2017		
Cover letter.pdf	Genera	I Correspondences	NA	N	12/22/2017		
Guideline Requirement Number	r - 850.21	100					
Study Tte		Avian acute oral toxicity test					
Protoco		N					
Target Subm ss on Date		09/14/2018					
Use Pattern		A; BB; C; Q; X					
Test Substance		TGAI					
T me Frame		12 month(s)					
Footnote(s)		14. This study is required only in support of cor 23. Only passerine species toxicity data are re-					
Reg strant Response		Offer to Cost Share					
Uploaded Documents							
File Name	File Typ	oe e	MRID	СВІ	Submitted Date		
Attempt to Cost Share 8570- 32.pdf	Form 8 Agreen Data	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Υ	12/22/2017		
Cover letter.pdf	Genera	I Correspondences	NA	N	12/22/2017		
Guideline Requirement Number	r - 850.30	020					
Study T t e		Honey bee acute contact toxicity					
Protoco		N					
Target Subm ss on Date		09/14/2018					
Use Pattern		A; BB; C; Q; X					
Test Substance		TGAI					
T me Frame		12 month(s)					

Footnote(s)		8. Tier 1 study. USEPA. 2012a. "Honey Bee Acut 850.3020. EPA 712-C-019 14. This study is required only in support of cor 21. See also OECD 214: OECD.1998b. OECD Gui Toxicity Test. http://www.oecd-ilibrary.org/envirtest_9789264070189-en	nventional uses. delines for the Testing o	f Chemicals. Test Numb	er 214, Acute Contact		
Reg strant Response		Offer to Cost Share					
Uploaded Documents							
File Name	File Typ	De Company	MRID	СВІ	Submitted Date		
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA.	Υ	12/22/2017		
Cover letter.pdf	Genera	ll Correspondences	NA	N	12/22/2017		
Guideline Requirement Numbe	r - 850.30	030					
Study Tte Honey bee toxicity of residues on foliage		Honey bee toxicity of residues on foliage					
Protoco		Υ					
Target Subm ss on Date		09/14/2018					
Use Pattern		A; BB; C; Q; X					
Test Substance		TEP					
T me Frame		12 month(s)					
Footnote(s)		2. USEPA 2012b. "Honey Bee Toxicity of Residues on Foliage." Ecological Effects Test Guidelines OCSPP 850.3030. EPA 712-C-018.  9. Tier 1 study. Guideline 850.3030 data are required when the product formulation contains one or more active ingredient(s) having an acute LD50 of < 11 micrograms per bee as determined in the honey bee acute contact study and the use pattern(s) indicate(s) that honey bees may be exposed to the pesticide.  14. This study is required only in support of conventional uses.  41. A study protocol must be submitted to, and reviewed by the EPA, prior to study initiation.					
Reg strant Response		Offer to Cost Share					
Uploaded Documents							
	T		MRID	CBI	Submitted Date		
File Name	File Typ	pe e	1111 415				
File Name  Attempt to Cost Share 8570- 32.pdf	Form 8	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Υ	12/22/2017		
Attempt to Cost Share 8570-	Form 8 Agreen Data	570-32 Certification of Attempt to Enter into an		Y N	12/22/2017		
Attempt to Cost Share 8570- 32.pdf Cover letter.pdf	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA				
Attempt to Cost Share 8570- 32.pdf Cover letter.pdf Guideline Requirement Numbe	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA				
Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf  Guideline Requirement Numbe  Study Tte	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences	NA				
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  Study Tte  Protoco	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences 040 Field testing for pollinators	NA				
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  Study Tte  Protoco	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences 040 Field testing for pollinators	NA				
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  Study T t e  Protoco  Target Subm ss on Date	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences  040  Field testing for pollinators  Y  09/14/2019	NA				

Footnote(s)	1. USEPA 2012c. "Field Testing for Pollinators." 3. Tier 3 study. The need for a field test for polli and/or other lines of data and the need for a ref 14. This study is required only in support of cor 20. See information and guidance identified in t Proposed Risk Assessment Process for Bees. Comment September 11-14, 2012. Office of Chenvironmental Fate and Effects Division, Environ Assessment Directorate, Pest Management RePesticide Regulation; (ii) 2014 Guidance for Assestates Environmental Protection Agency, Healt of Pesticide Regulation. June 19, 2014. https://www.documents/pollinator_risk_assessment_gu41. A study protocol must be submitted to, and	nators will be determine fined pollinator risk asset wentional uses. The EPA documents, (i) U Submitted to the FIRAS emical Safety and Pollut mental Protection Ager egulatory Agency, Health sessing Pesticide Risks the Canada Pest Managen www.epa.gov/sites/produidance_06_19_14.pdf	d based on the results of essment.  SEPA 2012. White Pape Scientific Advisory Panel ion Prevention Office of incy, Washington DC; Env. Canada, Ottawa, CN; Cato Bees. Office of Pestionent Regulatory Agency, action/files/2014-	of lower-tiered tests or in Support of the I for Review and Pesticide Programs irronmental Ilifornia Department of ide Programs United		
Reg strant Response	Offer to Cost Share					
Uploaded Documents						
File Name Fil	е Туре	MRID	CBI	Submitted Date		
	orm 8570-32 Certification of Attempt to Enter into an greement with other Registrants for Development of ata	NA.	Υ	12/22/2017		
Cover letter.pdf Ge	eneral Correspondences	NA	N	12/22/2017		
Guideline Requirement Number - 8	Guideline Requirement Number - 850.3300					
StudyTte	Study Tte Modified Activated Sludge, Respiration Inhibitio		on Test			
Protoco	N					
Target Subm ss on Date	09/14/2018	09/14/2018				
Use Pattern	A; BB; C; Q; X	A; BB; C; Q; X				
Test Substance	TGAI	TGAI				
T me Frame	12 month(s)					
Footnote(s)	15. This study is required only in support of ant 18. The results of the Activated Sludge, Respiratour biodegradation tests are required. If the Activated (i) Simulation tests to assess the biodegrad Simulation Test-Aerobic Sewage Treatment: A 835.3220 is required. If the ASRI test results in conduct either the (i) Ready Biodegradability, Genemicals discharged in wastewater, (iii) the Sor (iv) the Porous Pot Test. If the Ready Biodegrequired. If, however, the pesticide fails the Rebiodegradability of chemicals discharged in wastevated Sludge Units, or (iii) the Porous Pot Test. OECD Test Guideline 209 can also be used a library.org/content/book/9789264070080-en 29. EPA published draft guidance under guideling guideline 850.3300: https://www.regulations.go	ation Inhibition Test (ASF SRI test results in an ECA dability of chemicals disk Activated Sludge Units, an EC50 greater than 20 LN 835.3110, (ii) Simulat Simulation Test-Aerobic Stradability Study is condu- ady Biodegradability study astewater, (ii) the Simula- est is required. as guidance for this stud- me 850.6800 and has sin	50 of less than or equal to charged in wastewater, GLN 835.3240, or (iii) the mg/L, then the registration tests to assess the lessessed from the second and passes, then the	to 20 mg/L, then either GLN 835.3280, (ii) the Porous Pot Test, GLN at is required to coicolegradability of ctivated Sludge Units, of further testing is a tests to assess the ge Treatment: A.  p://www.oecd-nce for this study under		
Reg strant Response	Offer to Cost Share					
Uploaded Documents						
File Name File	е Туре	MRID	СВІ	Submitted Date		
32 ndf	orm 8570-32 Certification of Attempt to Enter into an greement with other Registrants for Development of ata	NA.	Υ	12/22/2017		
Cover letter.pdf Ge	eneral Correspondences	NA	N	12/22/2017		
Guideline Requirement Number - 8	50.4100					
Study T t e	Seedling Emergence and Seedling Growth					
Protoco	N					
Target Subm ss on Date	09/14/2018					

Test Substance		TEP				
T me Frame		12 month(s)				
Footnote(s)		6. Tier 2 data on monocots are required.  14. This study is required only in support of conventional uses.				
Reg strant Response		Offer to Cost Share				
Uploaded Documents						
File Name	File Typ	oe e	MRID	CBI	Submitted Date	
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Υ	12/22/2017	
Cover letter.pdf	Genera	I Correspondences	NA	N	12/22/2017	
Guideline Requirement Numbe	r - 850.4	150				
Study T t e		Vegetative Vigor				
Protoco		N				
Target Subm ss on Date		09/14/2018				
Use Pattern		A; BB; C; Q; X				
Test Substance		TEP				
T me Frame		12 month(s)				
Footnote(s)		7. Tier 2 data on dicots and monocots are required. 14. This study is required only in support of conventional uses.				
Reg strant Response		Offer to Cost Share				
Uploaded Documents						
File Name	File Typ	oe e	MRID	СВІ	Submitted Date	
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Υ	12/22/2017	
Cover letter.pdf	Genera	l Correspondences	NA	N	12/22/2017	
Guideline Requirement Numbe	r - 850.4	500				
Study T t e		Algal Toxicity				
Protoco		N				
Target Subm ss on Date		09/14/2018				
Use Pattern		A; BB; C; Q; X				
Test Substance		TGAI, TEP				
T me Frame		12 month(s)				
Footnote(s)		16. This study is required in support of both antimicrobial and conventional uses. 25. In a Federal Register Notice dated June 27, 2012, EPA split the Public Draft OPPTS 850.5400 test guideline into tw test guidelines: OCSPP 850.4500 and OCSPP 850.4550. See "Final Test Quidelines; OCSPP 850 Series; Notice of Availability" 77 FR 38282, June 27, 2012. https://www.regulations.gov/document?D=EPA-HQ-OPPT-2009-0154-0028. 38. Algal toxicity data required on two species of non-vascular plants (freshwater and marine diatoms).				
Footnote(s)		test guidelines: OCSPP 850.4500 and OCSPP 8 Availability" 77 FR 38282, June 27, 2012. https://	50.4550. See "Final Test /www.regulations.gov/de	Guidelines; OCSPP 850 ocument?D=EPA-HQ-OP	Series; Notice of PT-2009-0154-0028.	
Footnote(s)  Reg strant Response		test guidelines: OCSPP 850.4500 and OCSPP 8 Availability" 77 FR 38282, June 27, 2012. https://	50.4550. See "Final Test /www.regulations.gov/de	Guidelines; OCSPP 850 ocument?D=EPA-HQ-OP	Series; Notice of PT-2009-0154-0028.	
		test guidelines: OCSPP 850.4500 and OCSPP 8 Availability" 77 FR 38282, June 27, 2012. https:// 38. Algal toxicity data required on two species	50.4550. See "Final Test /www.regulations.gov/de	Guidelines; OCSPP 850 ocument?D=EPA-HQ-OP	Series; Notice of PT-2009-0154-0028.	
Reg strant Response  Uploaded Documents	File Typ	test guidelines: OCSPP 850.4500 and OCSPP 8 Availability" 77 FR 38282, June 27, 2012. https:// 38. Algal toxicity data required on two species Offer to Cost Share	50.4550. See "Final Test /www.regulations.gov/de	Guidelines; OCSPP 850 ocument?D=EPA-HQ-OP	Series; Notice of PT-2009-0154-0028.	
Reg strant Response	Form 8	test guidelines: OCSPP 850.4500 and OCSPP 8 Availability" 77 FR 38282, June 27, 2012. https:// 38. Algal toxicity data required on two species Offer to Cost Share	50.4550. See "Final Test /www.regulations.gov/do of non-vascular plants (f	Quidelines; OCSPP 850 ocument?D=EPA-HQ-OP reshwater and marine o	Series; Notice of PT-2009-0154-0028. iatoms).	

Guideline Requirement Number - 8	50.4550					
StudyTte	Cyanobacteria (Anabaena flos-aquae) Toxicity					
Protoco	N					
Target Subm ss on Date	09/14/2018					
Use Pattern	A; BB; C; Q; X					
Test Substance	TGAI, TEP					
T me Frame	12 month(s)					
Footnote(s)	25. In a Federal Register Notice dated June 27, test guidelines: OCSPP 850.4500 and OCSPP 8	16. This study is required in support of both antimicrobial and conventional uses. 25. In a Federal Register Notice dated June 27, 2012, EPA split the Public Draft OPPTS 850.5400 test guideline into two test guidelines: OCSPP 850.4500 and OCSPP 850.4550. See "Final Test Guidelines; OCSPP 850 Series; Notice of Availability" 77 FR 38282, June 27, 2012. https://www.regulations.gov/document?D=EPA-HQ-OPPT-2009-0154-0028.				
Reg strant Response	Offer to Cost Share					
Uploaded Documents						
File Name Fil	е Туре	MRID	СВІ	Submitted Date		
	rm 8570-32 Certification of Attempt to Enter into an reement with other Registrants for Development of ta	NA	Υ	12/22/2017		
Cover letter.pdf Ge	neral Correspondences	NA	N	12/22/2017		
Guideline Requirement Number - 8	50.6100					
StudyTte	Environmental Chemistry Methods and Associated Independent Laboratory Validation					
Protoco	N					
Target Subm ss on Date	09/14/2018					
Use Pattern	A; BB; C; Q; X	A; BB; C; Q; X				
Test Substance	TGAI					
T me Frame	12 month(s)					
Footnote(s)	14. This study is required only in support of cor 35. ECM/ILV needed for soil and water.	nventional uses.				
Reg strant Response	Offer to Cost Share					
Uploaded Documents						
File Name Fil	е Туре	MRID	СВІ	Submitted Date		
	rm 8570-32 Certification of Attempt to Enter into an reement with other Registrants for Development of ta	NA	Υ	12/22/2017		
Cover letter.pdf Ge	neral Correspondences	NA	N	12/22/2017		
Guideline Requirement Number - 8	75.1200					
Study Tte	Dermal exposureIndoor					
Protoco	Υ					
Target Subm ss on Date	09/14/2018					
Use Pattern	A; BB; C; Q; X					
Test Substance	™					
1001 Odbotal loc						
T me Frame  12 month(s)  15. This study is required only in support of an						
	12 month(s)  15. This study is required only in support of ant 19. The following data/scenarios are needed: p sprayer.  41. A study protocol must be submitted to, and	oressure treatment, liquid		oller, and airless		

Uploaded Documents						
File Name	File Typ	pe	MRID	СВІ	Submitted Date	
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an ment with other Registrants for Development of	NA.	Υ	12/22/2017	
Cover letter.pdf	Genera	al Correspondences	NA	N	12/22/2017	
Guideline Requirement Numbe	r - 875.1	400				
StudyTte		Inhalation exposureindoor				
Protoco		Υ				
Target Subm ss on Date		09/14/2018				
Use Pattern		A; BB; C; Q; X				
Test Substance		TEP				
T me Frame		12 month(s)				
Footnote(s)		15. This study is required only in support of ant 19. The following data/scenarios are needed: p sprayer. 41. A study protocol must be submitted to, and	ressure treatment, liqui		oller, and airless	
Reg strant Response		Offer to Cost Share				
Uploaded Documents						
File Name	File Typ	pe e	MRID	CBI	Submitted Date	
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an ment with other Registrants for Development of	NA	Υ	12/22/2017	
Cover letter.pdf	Genera	al Correspondences	NA	N	12/22/2017	
Guideline Requirement Numbe	r - 875.1	700				
StudyTte		Product Use Information				
Protoco		N				
Target Subm ss on Date		09/14/2018				
Use Pattern		A; BB; C; Q; X				
Test Substance		TEP				
T me Frame		12 month(s)				
Footnote(s)		15. This study is required only in support of ant 22. Product use data is needed to clarify uses retentions, and application equipment.		lastics in toys), applicati	on rates and wood	
Reg strant Response		Offer to Cost Share				
Uploaded Documents						
File Name	File Ty	De Contraction of the Contractio	MRID	СВІ	Submitted Date	
Attempt to Cost Share 8570- 32.pdf	Form 8 Agreer Data	570-32 Certification of Attempt to Enter into an ment with other Registrants for Development of	NA.	Υ	12/22/2017	
Cover letter.pdf	Genera	al Correspondences	NA	N	12/22/2017	
Guideline Requirement Numbe	r - 875.2	100				
StudyTte		Foliar dislodgeable residue dissipation				
Protoco		N				
Target Subm ss on Date		09/14/2018				
		A; BB; C; Q; X				

Loot Subotonoo		TEP				
Test Substance						
T me Frame		12 month(s)				
Footnote(s)		<ol> <li>This study is required only in support of conventional uses.</li> <li>Foliar dislodgeable and turf transferrable residue dissipation data are required for post-application worker or residential exposure.</li> </ol>				
Reg strant Response		Offer to Cost Share				
Uploaded Documents						
File Name	File Typ	oe e	MRID	CBI	Submitted Date	
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA.	Υ	12/22/2017	
Cover letter.pdf	Genera	Il Correspondences	NA	N	12/22/2017	
Guideline Requirement Number	r - 875.23	300				
StudyTte		Indoor surface residue dissipation				
Protoco		Υ				
Target Subm ss on Date		09/14/2018				
Use Pattern		A; BB; C; Q; X				
Test Substance		TEP				
T me Frame		12 month(s)				
Footnote(s)		15. This study is required only in support of ant 17. The wipe study is based on the need to ass on pressure treated decks and play sets. 39. A waiver may be requested for all application does not trigger risk concerns.  41. A study protocol must be submitted to, and	ess dermal and incident ons if a residue screenin	g level default at 100%o		
Reg strant Response		Offer to Cost Share				
Uploaded Documents			I			
	1		MOID	ODI		
File Name	File Typ	DE	MRID	CBI	Submitted Date	
Attempt to Cost Share 8570- 32.pdf	Form 8	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA.	Y	Submitted Date	
Attempt to Cost Share 8570-	Form 8 Agreen Data	570-32 Certification of Attempt to Enter into an				
Attempt to Cost Share 8570- 32.pdf	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Y	12/22/2017	
Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA NA	Y	12/22/2017	
Attempt to Cost Share 8570- 32.pdf  Cover letter.pdf  Guideline Requirement Number	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences	NA NA	Y	12/22/2017	
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  StudyTte	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences  96  Whole Sediment: Chronic toxicity to saltwater in the sediment of the	NA NA	Y	12/22/2017	
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  Study Tte  Protoco	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences  96  Whole Sediment: Chronic toxicity to saltwater i	NA NA	Y	12/22/2017	
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  Study T t e  Protoco  Target Subm ss on Date	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences  96  Whole Sediment: Chronic toxicity to saltwater i	NA NA	Y	12/22/2017	
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  Study T t e  Protoco  Target Subm ss on Date  Use Pattern	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences  96  Whole Sediment: Chronic toxicity to saltwater if Y  09/14/2019  A; BB; C; Q; X	NA NA	Y	12/22/2017	
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  Study T t e  Protoco  Target Subm ss on Date  Use Pattern  Test Substance	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences  96  Whole Sediment: Chronic toxicity to saltwater i Y  09/14/2019  A; BB; C; Q; X  TGAI	NA  NA  invertebrates  timicrobial and conventione species of estuarine	N  N  onal uses.	12/22/2017	
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number Study T t e  Protoco  Target Subm ss on Date  Use Pattern  Test Substance  T me Frame	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences  96  Whole Sediment: Chronic toxicity to saltwater in Y  09/14/2019  A; BB; C; Q; X  TGAI  24 month(s)  16. This study is required in support of both and 37. Chronic sediment toxicity data required on sediment toxic	NA  NA  invertebrates  timicrobial and conventione species of estuarine	N  N  onal uses.	12/22/2017	
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number Study Tte  Protoco  Target Subm ss on Date  Use Pattern  Test Substance  T me Frame  Footnote(s)	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences  96  Whole Sediment: Chronic toxicity to saltwater in Y  09/14/2019  A; BB; C; Q; X  TGAI  24 month(s)  16. This study is required in support of both and 37. Chronic sediment toxicity data required on 41. A study protocol must be submitted to, and	NA  NA  invertebrates  timicrobial and conventione species of estuarine	N  N  onal uses.	12/22/2017	
Attempt to Cost Share 8570-32.pdf  Cover letter.pdf  Guideline Requirement Number  Study T t e  Protoco  Target Subm ss on Date  Use Pattern  Test Substance  T me Frame  Footnote(s)  Reg strant Response	Form 8 Agreen Data Genera	570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of all Correspondences  96  Whole Sediment: Chronic toxicity to saltwater in Y  09/14/2019  A; BB; C; Q; X  TGAI  24 month(s)  16. This study is required in support of both and 37. Chronic sediment toxicity data required on 41. A study protocol must be submitted to, and Offer to Cost Share	NA  NA  invertebrates  timicrobial and conventione species of estuarine	N  N  onal uses.	12/22/2017	

<u> </u>			1	l	10/00/57:		
Cover letter.pdf		Il Correspondences	NA	N	12/22/2017		
Guideline Requirement Numbe	r - SS-11	97					
Study T t e		Whole Sediment: Chronic toxicity to freshwate	r invertebrates				
Protoco		Υ					
Target Subm ss on Date		09/14/2019					
Use Pattern		A; BB; C; Q; X					
Test Substance		TGAI					
T me Frame		24 month(s)					
Footnote(s)		36. Chronic sediment toxicity data required on conventional uses. Only the freshwater amphip	16. This study is required in support of both antimicrobial and conventional uses. 36. Chronic sediment toxicity data required on two freshwater species (an amphipod and a midge) in support of conventional uses. Only the freshwater amphipod data are required in support of antimicrobial uses. 41. A study protocol must be submitted to, and reviewed by the EPA, prior to study initiation.				
Reg strant Response Offer to Cost Share							
Uploaded Documents							
File Name	File Typ	De .	MRID	СВІ	Submitted Date		
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Υ	12/22/2017		
Cover letter.pdf	Genera	ll Correspondences	NA	N	12/22/2017		
Guideline Requirement Numbe	r - SS-13	11					
Study T t e		Honey bee adult acute oral toxicity					
Protoco		N					
Target Subm ss on Date		09/14/2018					
Use Pattern		A; BB; C; Q; X					
Test Substance		TGAI					
T me Frame		12 month(s)					
Footnote(s)		10. Tier 1 study. See the OECD 213: OECD Guidelines for the Testing of Chemicals. Honeybees, Acute Oral Toxicity Test. 213. http://www.oecd-ilibrary.org/environment/test-no-213-honeybees-acute-oral-toxicity-test_9789264070165- en 14. This study is required only in support of conventional uses.					
Reg strant Response		Offer to Cost Share					
Uploaded Documents							
File Name	File Typ	De Company	MRID	СВІ	Submitted Date		
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Υ	12/22/2017		
Cover letter.pdf	Genera	Il Correspondences	NA	N	12/22/2017		
Guideline Requirement Numbe	r - SS-13	12					
Study T t e		Honey bee larvae acute oral toxicity					
· ·		N					
	Farget Subm ss on Date 09/14/2018						
Target Subm ss on Date		A; BB; C; Q; X					
Target Subm ss on Date Use Pattern Test Substance							

Footnote(s)		13. Tier 1 study. OECD Test Guideline 237 may Testing Chemicals. Honey bee (Apis mellifera) ilibrary.org/environment/test-no-237-honey-bee 14. This study is required only in support of cor	larval toxicity test, single e-apis-mellifera-larval-to	e exposure.) See: http://\	www.oecd-	
Reg strant Response		Offer to Cost Share				
Uploaded Documents						
File Name	File Typ	oe .	MRID	CBI	Submitted Date	
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA.	Υ	12/22/2017	
Cover letter.pdf	Genera	al Correspondences	NA	N	12/22/2017	
Guideline Requirement Numbe	r - SS-13	13				
Study Tte		Honey bee adult chronic oral toxicity				
Protoco		Υ				
Target Subm ss on Date		09/14/2018				
Use Pattern		A; BB; C; Q; X				
Test Substance		TGAI				
T me Frame		12 month(s)				
Footnote(s)		11. Tier 1 study. OECD has not yet finalized test guidelines for chronic studies, and efforts are underway to develop standardized guidelines for assessing the effects from chronic exposure to adult and larvae in the laboratory. Discussion of the study design elements for the 10-day adult toxicity test can be found in Appendix O of the Europear Food Safety Authority (EFSA) guidance document: EFSA 2013. Guidance on the risk assessment of plant protection products on bees (Apis mellifera, Bombus spp. and solitary bees). EFSA Journal 2013;11(7):3295, 266 pp. doi:10.2903/j.efsa.2013.3295. Available online at: https://www.efsa.europa.eu/en/efsajournal/pub/3295 14. This study is required only in support of conventional uses. 41. A study protocol must be submitted to, and reviewed by the EPA, prior to study initiation.				
Reg strant Response		Offer to Cost Share				
Uploaded Documents						
File Name	File Typ	De .	MRID	CBI	Submitted Date	
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an nent with other Registrants for Development of	NA	Υ	12/22/2017	
Cover letter.pdf	Genera	al Correspondences	NA	N	12/22/2017	
Guideline Requirement Numbe	r - SS-13	14				
Study T t e		Honey bee larvae chronic oral toxicity				
Protoco		Y				
Target Subm ss on Date		09/14/2018				
Use Pattern		A; BB; C; Q; X				
Use Pattern		TGAI				
Test Substance						
		12 month(s)				
Test Substance T me Frame Footnote(s)		12 month(s)  12. Tier 1 study. OECD has not yet finalized test Guidance Document Honey Bee (Apis mellifera https://www.oecd.org/env/ehs/testing/Honeybeert%20meeting_Draft%2020%20July%202015.p. 14. This study is required only in support of cor 41. A study protocol must be submitted to, and	) Larval Toxicity Test, Re e%20larval%20rep%20e odf oventional uses.	epeated Exposure. kpo_REV%20following%		
T me Frame Footnote(s)		12. Tier 1 study. OECD has not yet finalized test Guidance Document Honey Bee (Apis mellifera https://www.oecd.org/env/ehs/testing/Honeybeert%20meeting_Draft%2020%20July%202015.p14. This study is required only in support of cor	) Larval Toxicity Test, Re e%20larval%20rep%20e odf oventional uses.	epeated Exposure. kpo_REV%20following%		
T me Frame		12. Tier 1 study. OECD has not yet finalized test Guidance Document Honey Bee (Apis mellifera https://www.oecd.org/env/ehs/testing/Honeybeert%20meeting_Draft%2020%20July%202015.p. 14. This study is required only in support of course of the study protocol must be submitted to, and	) Larval Toxicity Test, Re e%20larval%20rep%20e odf oventional uses.	epeated Exposure. kpo_REV%20following%		

Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an ment with other Registrants for Development of	NA.	Y	12/22/2017	
Cover letter.pdf	Genera	al Correspondences	NA	N	12/22/2017	
Guideline Requirement Numbe	r - SS-13	15				
Study T t e		Semi-field testing for pollinators				
Protoco		Υ				
Target Subm ss on Date		09/14/2019				
Use Pattern		A; BB; C; Q; X				
Test Substance		TGAI, TEP				
T me Frame 24 month(s)						
5. Tier 2 study. The need for a semi-field test for pollinators (i.e., either a field-feeding test or a tunnel to determined based on the results of lower-tiered tests and/or other lines of evidence, and the need for a pollinator risk assessment.  14. This study is required only in support of conventional uses.  26. Formal guidelines for semi-field tests do not yet exist; however, information that can help guide the a semi-field tunnel test protocol can be found at OECD 75, see: OECD. 2007. Series on Testing and Asson Number 75. Quidance document on the honey bee (Apis mellifera L.) brood test under semi-field condit Environmental Directorate Joint Meeting of the Chemicals Committee and the Working Party on Chemical Biotechnology, ENV/JWMONO(2007)22. 31-Aug-2007.  http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=env/jm/mono(2007)22&docla 27. For field-feeding studies see: Oomen et al. 1992: Oomen, P. A. A. DeRuijter and J. Van der Steen. 19 honey bee brood feeding tests with insect growth-regulating insecticides. Bul OEPP/EPPO Bulletin 22: 41. A study protocol must be submitted to, and reviewed by the EPA, prior to study initiation.			eed for a refined  uide the development of the deseasement of the development of the deve			
Reg strant Response		Offer to Cost Share				
Uploaded Documents						
File Name	File Ty	oe .	MRID	CBI	Submitted Date	
Attempt to Cost Share 8570- 32.pdf		570-32 Certification of Attempt to Enter into an ment with other Registrants for Development of	NA	Y	12/22/2017	
Cover letter.pdf	Genera	al Correspondences	NA	N	12/22/2017	
Guideline Requirement Numbe	r - SS-13	16				
Study Tte		Field trial of residues in pollen and nectar				
Protoco		Y				
Target Subm ss on Date		09/14/2019				
Use Pattern		A; BB; C; Q; X				
Test Substance		TEP				
T me Frame		24 month(s)				
4. Tier 2 study. The need for this study will be lines of data and the need for a refined pollin 14. This study is required only in support of 40. A study protocol must be submitted to, a could be considered when developing study Consideration of the range of application me the target crop(s) may be under. 2) Consider Consideration of a collection schedule suffic pollen/nectar and/or plant tissues, over time active ingredient and/or degradation product following planting, and therefore result in po		or risk assessment. nventional uses. reviewed by the EPA, priotocol(s) for the monitor ods and environmental c	or to study initiation. The	e following elements /nectar. 1)		
Footnote(s)		the target crop(s) may be under. 2) Consideratic Consideration of a collection schedule sufficient pollen/nectar and/or plant tissues, over time. 4) active ingredient and/or degradation product(s) following planting, and therefore result in poter of the selected target crop(s).	nt to allow for an unders ) Consideration of data s ) accumulates in soil and	anding of the character ufficient to determine w I is/are bioavailable for p	of residues, in the hether residues of the plant to uptake in a	
Footnote(s)  Reg strant Response		the target crop(s) may be under. 2) Considerati Consideration of a collection schedule sufficier pollen/nectar and/or plant tissues, over time. 4) active ingredient and/or degradation product(s) following planting, and therefore result in poter	nt to allow for an unders ) Consideration of data s ) accumulates in soil and	anding of the character ufficient to determine w I is/are bioavailable for p	of residues, in the hether residues of the plant to uptake in a	
		the target crop(s) may be under. 2) Considerati Consideration of a collection schedule sufficier pollen/nectar and/or plant tissues, over time. 4) active ingredient and/or degradation product(s) following planting, and therefore result in poter of the selected target crop(s).	nt to allow for an unders ) Consideration of data s ) accumulates in soil and	anding of the character ufficient to determine w I is/are bioavailable for p	of residues, in the hether residues of the plant to uptake in a	

Attempt to Cost Share 8570- 32.pdf	Form 8570-32 Certification of Attempt to Enter into an Agreement with other Registrants for Development of Data		NA	Υ	12/22/2017
Cover letter.pdf	General Correspondences		NA.	N	12/22/2017
Submitter Information					
Subm tter		Anna Armstrong			
Subm tted Date		12/22/2017			